

Dongkai Pu's Notebook

07/11/16

Work finished:

1. Finish the project ideas.
2. Assign the tasks now.
3. Re learn and familiar with the construction of web pages.
4. Build a simple user system and database by using Django.

Problems unsolved:

1. Web page setup and front-end, back-end connection.

07/12/16

Work finished:

1. Finish studying Django.
2. Start to build Bio101 website.

Problems unsolved:

1. Continue to build Bio101 website.
2. There are problems in the part of website file upload interface, remain to be solved.

07/13/16

Work finished:

1. Upload the file to the back-end complete.
2. Start to write the conversion program in back-end.

Problems unsolved:

1. The completion of the back-end program and the connection with the front-end.

07/14/16

Work finished:

1. Complete the part of coding program.

Problems unsolved:

1. Decoder in back-end.
2. The connection between front-end and back-end.

07/15/16

Work finished:

1. Write the program of decoding.

Problems unsolved:

1. Use compressing method to solve the problem of excessive DNA repeat sequence.

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Work finished:

1. Complete the coding, decoding and reduction of the file.

Problems unsolved:

1. Decode DNA to restore file.
2. After compression, file is output in the form of a character stream.

NOTEBOOK

07/18/16

Work finished:

1. Deal with the bug in decoding part.

Problems unsolved:

1. Realize file restore, but decoding is even more trouble than imagined.

07/19/16

Work finished:

1. Complete the file compression, encoding, decoding and restore.

Problems unsolved:

1. Build a website and optimize the method of coding and decoding.

07/23/16

Work finished:

1. File-binary string-three hex-file conversion.

Problems unsolved:

1. Find the method to optimize coding.